

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by:
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GENERAL INFORMATION

Name:	McCammish Manufacturing Company
Address:	P.O. Box 132, Industrial Park Road; Columbia, KY 42728
Date application received:	March 11, 2004
SIC/Source description:	2541, Wood Partitions and Fixtures
EIS #:	21-001-00035
Permit #:	F-04-032
AI #:	37012

APPLICATION TYPE/PERMIT ACTIVITY

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
___ Administrative	<input type="checkbox"/> Title V
___ Minor	<input type="checkbox"/> Synthetic minor
<input checked="" type="checkbox"/> Significant	<input checked="" type="checkbox"/> Construction/operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Operating

COMPLIANCE SUMMARY

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(2)(b) or 51:052,1(14)(b)	

MISCELLANEOUS

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application

Description:

McCammish Manufacturing Company is a wood processing facility in Columbia, Kentucky. This operation involves the processing, assembling, and finishing of wood material.

This application is for a renewal of the McCammish Manufacturing conditional major operating permit, # F-98-031, issued in June 1997. The source has accepted a plant wide emissions cap on VOCs and HAPs.

Source wide VOC emissions are limited to 90 tons per years. Single HAP emissions are limited to nine (9) tons per year, and combined HAP emissions are limited to 22.5 tons per year.

There are five (5) paint booths and one (1) miscellaneous woodworking operation permitted under the existing permit. This renewal permits the addition of three (3) new paint booths (see emissions table 2).

Emissions Summary

**Table 1. Existing Facility Emissions
Emission Points 01, 04, and 05**

Pollutant	Actual (tpy)	Plantwide Allowable (tpy)	Potential (tpy)
PM/PM ₁₀	75.78	NA	83.62
SO ₂	NA	NA	0.0
NO _x	NA	NA	0.0
CO	NA	NA	0.0
VOC	20.05	90.0	130.82
LEAD	NA	NA	0.0
HAP > 10 tpy by CAS # 107-21-1	3.81	4.5	16.67
Total HAPs	8.72	22.5	30.60

**Table 2. New Construction Emissions
Emission Points 07, 08, and 09**

Pollutant	Actual (tpy)	Plantwide Allowable (tpy)	Potential (tpy)
PM/PM ₁₀	2.56	NA	2.56
SO ₂	NA	NA	0.0
NO _x	NA	NA	0.0
CO	NA	NA	0.0
VOC	29.36	90.0	98.862
LEAD	NA	NA	0.0
HAP > 10 tpy by CAS # 107-21-1	3.81	4.5	16.67
Total HAPs	9.87	22.5	33.29

Table 3. Plantwide Emissions

Pollutant	Actual (tpy)	Plantwide Allowable (tpy)	Potential (tpy)
PM/PM ₁₀	78.34	NA	86.17
SO ₂	NA	NA	0.0
NO _x	NA	NA	0.0
CO	NA	NA	0.0
VOC	49.41	90.0	229.68
LEAD	NA	NA	0.0
HAP > 10 tpy by CAS #			
170-21-1	7.62	4.5	33.34
108-88-3	4.32	4.5	10.45
Total HAPs	18.59	22.5	63.89

Applicable Regulations:

401 KAR 59:010, New Process Operations, applies to each affected facility commenced on or after July 2, 1975, with respect to particulate emissions from points 01, 04, 05, 06, 07, 08, and 09.

401 KAR 63:020, Potentially Hazardous Matter or Toxic Substances, applies to each affected facility that emits or may emit potentially hazardous matter or toxic substances.